



NEOPS 200

CNC POWER SKIVING MACHINE

Combining advanced technology, precision components, and economic pricing to enable profitable production of high-quality internal and external gears.

- Power skiving machine for the production of internal and external spur or helical gears.
- Heavy duty skiving head:
 - Driven via FANUC® direct-drive torque motor.
- CNC by FANUC® oi-MF with 6 axes (optional 7).
- Optional automatic tool changer.
- Optional automatic loading.
- Quality components and construction.
 - Cast iron machine base for optimum stability and damping of vibrations.
 - Precision, repeatability, and control with linear scales on the X-, Y-, and Z-axes.
 - Automatic lubrication system with impulse lubrication for machine rails.



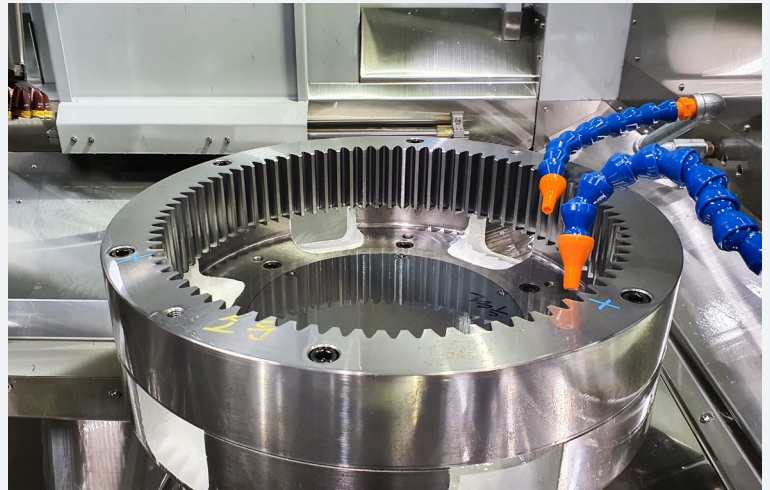
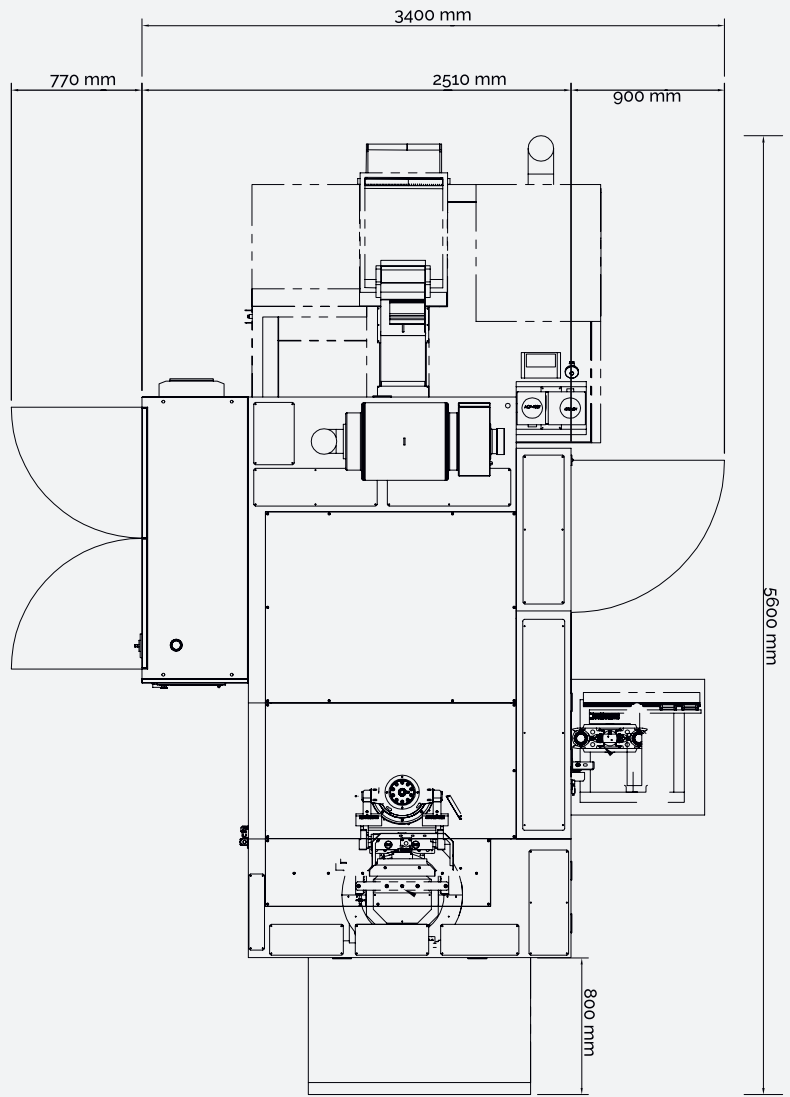
6.35 DP
Max Pitch Rating

6,000
RPM Skiving Speed

6
CNC Axes



WORKPIECE	NEOPS 200 metric/imperial	
Maximum pitch rating	4.00 m _n	6.35 DP
Work spindle speed	3,000 rpm	
Maximum workpiece - internal diameter	250 mm	9.84 in
Maximum workpiece - external diameter	280 mm	11.024 in
Total axial travel	330 mm	13.000 in
Minimum axial position	190 mm	7.480 in
Maximum axial position	520 mm	20.472 in
Maximum workpiece length	300 mm	11.811 in
Total radial cutter travel	400 m	15.748 in
Minimum radial cutter position	-350 mm	-13.780 in
Maximum radial cutter position	50 mm	1.968 in
SKIVING SPINDLE		
Maximum spindle speed	6,000 rpm	
Minimum cutter length	200 mm	7.874 in
Maximum side shift	500 mm (+/-250 mm)	19.685 in
Swivel angle	+/- 30°	
DIMENSIONS		
Length	4.500 m	14.7 ft
Length with automation	5.600 m	18.4 ft
Width	3.400 m	11.2 ft
Height	3.550 m	11.6 ft
POWER		
B-axis spindle motor	33 kW	
C-axis spindle motor	31 kW	



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